

Datasheet: OBT1521F

Description:	RABBIT ANTI MOUSE IgG2a:FITC
Specificity:	IgG2a
Format:	FITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunofluorescence	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse								
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - lyophilised								
Reconstitution	Reconstitute with 1.0ml distilled water								
Max Ex/Em	<table><tr><th>Fluorophore</th><th>Excitation Max (nm)</th><th>Emission Max (nm)</th></tr><tr><td>FITC</td><td>490</td><td>525</td></tr></table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525		
Fluorophore	Excitation Max (nm)	Emission Max (nm)							
FITC	490	525							
Preparation	Purified IgG prepared by affinity chromatography.								
Buffer Solution	Phosphate buffered saline								
Preservative	0.01% Sodium azide								
Stabilisers	1% w/v Bovine serum albumin								
Approx. Protein Concentrations	1.0 mg/ml								
Immunogen	Mouse IgG2a heavy chain								
External Database Links	UniProt: P01865Related reagents P01863Related reagents								

Entrez Gene:

[380793](#) Igh-1a [Related reagents](#)
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Specificity	Rabbit anti Mouse IgG2a antibody recognises murine IgG2a and shows <1% cross-reactivity with other murine immunoglobulin classes or subclasses. It also shows <1% cross-reactivity with human heavy and light chains.
References	1. Paillot, R. <i>et al.</i> (2010) Contribution of each of four Superantigens to <i>Streptococcus equi</i> -induced mitogenicity, gamma interferon synthesis, and immunity. Infect Immun. 78: 1728-39.
Storage	Prior to reconstitution store at +4°C. After reconstitution store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of reconstitution
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

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